

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|--|------------------------|------------------|---------|------------------|
| L1 | 1 | ("6692552").PN. | USPAT | OR | OFF | 2005/03/19 17:08 |
| L2 | 18 | ("2737479" "2878891" "3074878" "3835029" "4288235" "4348364" "4433984" "4591427" "4701307" "4756886" "4961863" "5176815" "5259855" "5376261").PN. OR ("6692552").URPN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/19 17:12 |
| L3 | 14 | US-2737479-\$.DID. OR US-2878891-\$.DID. OR US-3074878-\$.DID. OR US-3835029-\$.DID. OR US-4288235-\$.DID. OR US-4348364-\$.DID. OR US-4433984-\$.DID. OR US-4756886-\$.DID. OR US-4961863-\$.DID. OR US-5259855-\$.DID. | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/19 17:12 |
| L4 | 0 | 3 not 2 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/19 17:13 |
| L5 | 33765 | riser | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/19 17:29 |
| L6 | 179165 | separator cyclone | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/19 17:29 |
| L7 | 3208 | bath adj tub | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/19 17:29 |
| L8 | 4 | 5 and 6 and 7 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/19 17:15 |
| L9 | 1372 | 5 with 6 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/19 17:16 |
| L10 | 190573 | cracked cracking fcc | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/19 17:16 |
| L11 | 820 | 9 and 10 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/19 17:46 |
| L12 | 2074082 | solid solids catalyst particles | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/19 17:29 |
| L13 | 520697 | tray tub cup | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/19 17:29 |

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|-----|---------|-------------------------------------|------------------------------|----|-----|------------------|
| L14 | 254 | 6 with 12 with 13 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/19 17:24 |
| L15 | 20 | 5 and 14 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/19 17:24 |
| L16 | 0 | ("2921818").URPN. | USPAT | OR | OFF | 2005/03/19 17:28 |
| L17 | 4590 | riser | EPO; JPO | OR | OFF | 2005/03/19 17:29 |
| L18 | 55221 | separator cyclone | EPO; JPO | OR | OFF | 2005/03/19 17:29 |
| L19 | 2545 | bath adj tub | EPO; JPO | OR | OFF | 2005/03/19 17:29 |
| L20 | 476157 | solid solids catalyst particles | EPO; JPO | OR | OFF | 2005/03/19 17:29 |
| L21 | 76879 | tray tub cup | EPO; JPO | OR | OFF | 2005/03/19 17:29 |
| L22 | 154 | 17 with 18 | EPO; JPO | OR | OFF | 2005/03/19 17:29 |
| L23 | 0 | 19 and 22 | EPO; JPO | OR | OFF | 2005/03/19 17:29 |
| L24 | 2 | 22 and 20 and 21 | EPO; JPO | OR | OFF | 2005/03/19 17:29 |
| L25 | 478762 | spacing spacer | USPAT | OR | OFF | 2005/03/19 17:34 |
| L26 | 758394 | collar ring | USPAT | OR | OFF | 2005/03/19 17:34 |
| L27 | 27013 | 25 with 26 | USPAT | OR | OFF | 2005/03/19 17:31 |
| L28 | 18688 | riser | USPAT | OR | OFF | 2005/03/19 17:31 |
| L29 | 26 | 27 with 28 | USPAT | OR | OFF | 2005/03/19 17:31 |
| L30 | 2741853 | spacing spacer position positioning | USOCR; EPO; JPO | OR | OFF | 2005/03/19 17:35 |
| L31 | 945862 | collar ring | USOCR; EPO; JPO | OR | OFF | 2005/03/19 17:34 |
| L32 | 207258 | 30 with 31 | USOCR; EPO; JPO | OR | OFF | 2005/03/19 17:35 |
| L33 | 88257 | fcc or riser or cracking | USOCR; EPO; JPO | OR | OFF | 2005/03/19 17:35 |
| L34 | 2722 | 32 and 33 | USOCR; EPO; JPO | OR | OFF | 2005/03/19 17:35 |
| L35 | 1222 | 32 same 33 | USOCR; EPO; JPO | OR | OFF | 2005/03/19 17:35 |
| L36 | 361029 | spacing spacer | USOCR; EPO; JPO | OR | OFF | 2005/03/19 17:35 |
| L37 | 361029 | 30 with 36 | USOCR; EPO; JPO | OR | OFF | 2005/03/19 17:36 |
| L38 | 26151 | 31 with 36 | USOCR; EPO; JPO | OR | OFF | 2005/03/19 17:36 |
| L39 | 402 | 33 and 38 | USOCR; EPO; JPO | OR | OFF | 2005/03/19 17:36 |
| L40 | 14 | riser with 38 | USOCR; EPO; JPO | OR | OFF | 2005/03/19 17:36 |

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|-----|---------|---|---|----|-----|------------------|
| L41 | 5 | (US-4160801-\$).did. or (US-2733282-\$ or US-2749285-\$ or US-2760911-\$ or US-2921818-\$). did. | USPAT; USOCR | OR | OFF | 2005/03/19 17:44 |
| L42 | 305497 | steam | USPAT; USOCR | OR | OFF | 2005/03/19 17:44 |
| L43 | 4 | 41 and 42 | USPAT; USOCR | OR | OFF | 2005/03/19 17:44 |
| L44 | 329809 | steam | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/19 17:46 |
| L45 | 731 | 11 and 44 | US-PGPUB; USPAT; USOCR | OR | OFF | 2005/03/19 18:17 |
| L46 | 842 | dipleg | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/03/19 18:18 |
| L47 | 1189270 | cap tray cup trough | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/03/19 18:22 |
| L48 | 11 | 46 with 47 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/03/19 18:18 |
| L49 | 1 | ("2984542").URPN. | USPAT | OR | OFF | 2005/03/19 18:21 |
| L50 | 848445 | seal | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/03/19 18:22 |
| L51 | 47 | 46 near4 50 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/03/19 18:22 |
| L52 | 45 | 51 not 48 | US-PGPUB; USPAT; USOCR; EPO; JPO | OR | OFF | 2005/03/19 18:23 |